

Substitute for form PTO-1449 INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>			Complete if Known	
			Application Number	10688135
			Filing Date	2003-10-17
			First Named Inventor	George P. Teitelbaum
			Group Art Unit	3733
			Examiner Name	CUMBERLEDGE, JERRY L.
			Attorney Docket No.	PC0001110.14/VLINK.002DV2
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U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No.†	Document Number Number-Kind Code² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		US-RE 32,348	02/1987	Pevsner	
		US-4,064,566	12-27-1977	Fletcher et al.	
		US-4,085,757	04-25-1978	Pevsner	
		US-4,471,779	09-18-1984	Antoshkiw et al.	
		US-4,547,168	10-15-1985	Blacksberg et al.	
		US-4,612,384	09-16-1986	Omura et al.	
		US-4,638,803	01-27-1987	Rand	
		US-4,643,733	02-17-1987	Becker	
		US-4,686,973	08-18-1987	Frisch	
		US-4,693,721	09-15-1987	Ducheyne	
		US-4,714,721	12-22-1987	Franek et al.	
		US-4,772,289	09-20-1988	Anzinger et al.	
		US-4,819,637	04-11-1989	Dormandy, Jr. et al.	
		US-4,832,680	05-23-1989	Haber et al.	
		US-4,888,022	12-19-1989	Huebsch	

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No.†	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	74
		Country Code³ - Number⁴ - Kind Code⁵ (if known)				
		EP1132053	09-21-2001	Bristol-Myers Squibb		
		EP1421921	05-26-2004	Zimmer Tech., Inc.		
		JP2005028046	02-03-2005	Kitakyushu Found.	Abstract	
		WO 02/00126	01-03-2002	Univ. of Southern CA		
		WO 2004/017857	03-04-2004	Woodwelding AG		
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Receipt date: 11/30/2009	Complete if Known: 10588135 - GAU: 3733
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OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS

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/Jerry Cumberledge/

Date Considered

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		Number-Kind Code ² (if known)			
		US-4,963,151	10-16-1990	Ducheyne et al.	
		US-5,002,556	03-26-1991	Ishida et al.	
		US-5,002,576	03-26-1991	Fuhrmann et al.	
		US-5,106,360	04-21-1992	Ishiwara et al.	
		US-5,190,540	03-02-1993	Lee	
		US-5,195,970	03-23-1993	Gahara	
		US-5,304,123	04-19-1994	Atala et al.	
		US-5,344,398	09-06-1994	Hara	
		US-5,366,490	11-22-1994	Edwards et al.	
		US-5,653,736	08-05-1997	Glastra	
		US-5,681,872	10-28-1997	Erbe	
		US-5,702,373	12-30-1997	Samson	
		US-5,733,260	03-31-1998	DeMaio et al.	
		US-5,772,681	06-30-1998	Leoni	
		US-5,776,099	07-07-1998	Tremulis	

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁴
		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)				
		WO 2004/058045	07-15-2004	Vertelink Corp.		
		WO 2006/063083	06-15-2006	Triage Medical, Inc.		
		WO 2006/074410	07-13-2006	Celonova Biosciences, Inc.		

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		Number-Kind Code ² (if known)			
		US-5,837,752	11-17-1998	Shastri et al.	
		US-5,914,356	06-22-1999	Erbe	
		US-6,140,452	10-31-2000	Felt et al.	
		US-6,183,515	02-06-2001	Barlow et al.	
		US-6,187,048	02-13-2001	Milner et al.	
		US-6,248,110	06-19-2001	Reiley et al.	
		US-6,248,131	06-19-2001	Felt et al.	
		US-6,270,515	08-07-2001	Linden et al.	
		US-6,293,960	09-25-2001	Ken	
		US-6,296,643	10-02-2001	Hopf et al.	
		US-6,379,329	04-30-2002	Nagltreiter et al.	
		US-6,547,804	04-15-2003	Porter et al.	
		US-6,666,870	12-23-2003	Dixon et al.	
		US-6,726,691	04-27-2004	Osorio et al.	
		US-6,733,533	05-11-2004	Lozier	

FOREIGN PATENT DOCUMENTS

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		Number-Kind Code ² (if known)			
		US-6,749,614	06-15-2004	Teitelbaum et al.	
		US-6,805,695	10-19-2004	Keith et al.	
		US-6,821,277	11-23-2004	Teitelbaum	
		US-6,893,466	05-17-2005	Trieu	
		US-6,899,713	05-31-2005	Shaolian et al.	
		US-6,932,843	08-23-2005	Smith et al.	
		US-6,958,077	10-25-2005	Suddaby	
		US-6,964,667	11-15-2005	Shaolian et al.	
		US-6,969,405	11-29-2005	Suddaby	
		US-6,987,136	01-17-2006	Erbe et al.	
		US-7,001,431	02-21-2006	Bao et al.	
		US-7,004,971	02-28-2006	Serhan et al.	
		US-7,077,865	07-18-2006	Bao et al.	
		US-2002/0095158	07-18-2002	Dixon et al.	
		US-2002/0123750	09-05-2002	Eisermann et al.	

FOREIGN PATENT DOCUMENTS

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		Number-Kind Code ² (if known)			
		US-2002/0165572	11/07/2002	Saadat	
		US-2003/0060826	03/27/2003	Foley et al.	
		US-2003/0087984	05/08/2003	Erbe et al.	
		US-2003/0125739	07/03/2003	Bagga et al.	
		US-2003/0144737	07/31/2003	Sherman	
		US-2003/0167967	09/11/2003	Narhhi et al.	
		US-2003/0171451	09/11/2003	White et al.	
		US-2003/0220666	11/27/2003	Mirigian et al.	
		US-2004/0082954	04/29/2004	Teitelbaum et al.	
		US-2003/0087984	05/06/2004	Teitelbaum	
		US-2004/0092948	05/13/2004	Stevens et al.	
		US-2004/0215193	10/28/2004	Shaolian et al.	
		US-2004/0230309	11/18/2004	DiMauro et al.	
		US-2005/0010220	01/13/2005	Casutt et al.	
		US-2005/0090901	04/28/2005	Studer	

FOREIGN PATENT DOCUMENTS

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